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# Fax

To: Mail Stop AMENDMENT  
Examiner Jacob M. Meek

From: Mikio Ishimaru

Fax: (703) 872-9306  
TC 2637 - Before Final

Pages: 14, including this page

Phone: 703 305-8953

Date: February 3, 2005

Re: U.S. Patent Application Serial CC:  
No. 09/841,837

☒ Response/Amendment to Office Action

☐ Information

☐ Other

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Signature

Vickie Ishimaru

Typed or printed name of person signing Certificate

With reference to serial number 09/841,837, the following are being submitted:

- Fax Cover Sheet with Certificate of Transmission
- Transmittal for Enclosures
- Response/Amendment

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FEB 03 2005

PATENT

Docket No.: 428-B01.US

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Gerard Terreault et al.

Confirmation No.: 5819

Serial No.: 09/841,837

Examiner: Jacob M. Meek

Filed: Apr 26, 2001

Group Art Unit: 2637

For:

METHOD AND APPARATUS FOR  
DETECTING AND QUANTIFYING  
IMPAIRMENTS IN QAM SIGNALS

TRANSMITTAL FOR ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Response / Amendment	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> After Final	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Affidavits/Declaration(s)	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Information Disclosure Statement, PTO Form-1449, & cited Reference(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	• Fax Cover Sheet with Certificate of Transmission
<input type="checkbox"/> Response to Missing Parts/Incomplete Application	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	Remarks	

The Small Entity fee, if required, has been calculated as shown below:

	NO. OF CLAIMS	HIGHEST PREVIOUSLY PAID FOR	EXTRA CLAIMS	RATE	FEE
Total Claims	20	20	0	x \$25 =	\$ 0.00
Independent Claims	2	3	0	x \$100 =	\$ 0.00
If multiple claims newly presented, add \$150					
Fee for extension of time (Small Entity)					510.00
Other:					
TOTAL FEE					\$510.00

- ☒ Please charge Deposit Account No. 50-0374 in the amount of \$510.00. An additional copy of this transmittal sheet is submitted herewith.
- ☒ The Commissioner is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment, to Deposit Account No. 50-0374, including any filing fees under 37 CFR 1.16 for presentation of extra claims and any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,



Mikio Ishimaru  
Registration No. 27,449  
Date: February 3, 2005

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Docket No.: 428-B01.US

**PATENT**

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Date: February 3, 2005

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CENTRAL FAX CENTER**FEB 03 2005****PATENT**

Docket No.: 428B01-US

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

<i>In re</i> Application of:	Gerard Terreault, et al.	:	Confirmation No.:	5819
Serial No.:	09/841,837	:	Art Unit:	2637
Filed:	4/26/2001	:	Examiner:	Jacob M. Meek
For:	METHOD AND APPARATUS FOR DETECTING AND QUANTIFYING IMPAIRMENTS IN QAM SIGNALS	:		

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT**

Sir:

The following Amendment and Remarks are submitted under 37 C.F.R. §1.111 in response to the Office Action mailed August 3, 2004, following the amendment format set forth under 37 CFR §1.121. After this introductory section, there are Amendments to the Specification and then Remarks, each starting on a separate page.

Amendments to the Specification consist of amendments for the Abstract.

Serial No.: 09/841,837

Group Art Unit: 2637

**AMENDMENTS TO THE SPECIFICATION**

- Please move the Abstract of the Disclosure section which begins on page 1, line 4, to a separate page which begins after the claims and amend as follows on the next page: